

Serial No. 09/988,062.

Reply to Office Action of January 24, 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of controlling a wireless communication link in a transmitter of a wireless communication system that automatically requires a ~~retransmission second transmission~~ from a receiving party to a transmitting party, the method comprising:

transmitting data using at least one of an initial coding rate or an initial transmission power value to the receiving party;

receiving a ~~retransmission~~ ~~second transmission~~ request signal from the receiving party; and

performing the ~~data retransmission~~ ~~second transmission~~ by decreasing the initial coding rate and increasing the transmission power according to the ~~retransmission~~ ~~second transmission~~ request,

wherein the decrease of the initial coding or the increase of the transmission power is performed in fix or flexible pattern.

2. (Canceled).

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3. (Currently Amended) The method as claimed in claim 1, wherein the transmission power is returned to an initialized value, if a response signal is received from the receiving party after performing the ~~retransmission step~~ second transmission.

4. (Currently Amended) The method as claimed in claim 1, wherein if the decrease of the coding rate for the ~~retransmission~~ second transmission reaches a lowest coding rate, the ~~retransmission~~ second transmission is continuously performed at the lowest coding rate, while the transmission power is continuously increased.

5. (Currently Amended) The method as claimed in claim 1, wherein a target power value is gradually increased while the ~~data retransmission~~ second transmission is performed according to the ~~retransmission~~ second transmission request, and the transmission power is continuously increased.

6. (Currently Amended) The method as claimed in claim 1, wherein the ~~retransmission~~ second transmission step is performed by maintaining the initial coding rate and increasing the transmission power according to the ~~retransmission~~ second transmission request.

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7. (Currently Amended) A method of controlling a wireless communication link in a transmitter of a wireless communication system that automatically requires a ~~retransmission second transmission~~ from a receiving party to a transmitting party, the method comprising:

transmitting data using at least one of an initial coding rate or an initial transmission power value to the receiving party;

receiving a ~~retransmission second transmission~~ request signal from the receiving party; and

performing the ~~data retransmission second transmission~~ by decreasing the initial coding rate and increasing a number of multi-codes according to the ~~retransmission second transmission~~ request,

wherein channel environment information of the wireless communication link is not required at the transmitter for the performing the data retransmission.

8. (Canceled).

9. (Currently Amended) The method as claimed in claim 7, wherein the number of multi-codes is returned to an initialized value, if a response signal is received from the receiving party after performing the ~~retransmission step second transmission~~.

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10. (Currently Amended) The method as claimed in claim 7, wherein if the decrease of the coding rate for the ~~retransmission~~second transmission reaches to a lowest coding rate, the ~~retransmission~~second transmission is continuously performed at the lowest coding rate, as the number of multi-codes is continuously increased.

11. (Currently Amended) The method as claimed in claim 7, wherein the ~~retransmission~~second transmission step is performed by maintaining the initial coding rate and increasing the number of multi-codes according to the ~~retransmission~~second transmission request.

12. (New) The method as claimed in claim 1, wherein channel environment information of the wireless communication link is not required at the transmitter for the performing the second transmission.

13. (New) the method as claimed in claim 1, wherein the decrease of the initial coding rate or the increase of the transmission power is performed in a predetermined pattern.